

Contribution Title:	MAXIMAL SUPERSYMMETRY AND NON-ABELIAN GAUGE GROUPS
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YRS seminar:	NO

I review recent progress in the construction and classification of maximally supersymmetric theories with non-abelian gauge groups. The algebraic framework is based on the underlying exceptional symmetry groups. This has applications for supergravity theories describing flux compactifications as well as for recently constructed three-dimensional superconformal theories describing the dynamics of multiple M2-branes.